

## 2010 Dodge Viper SRT/10



### Wiring Information

Item	Wire Color	Polarity	Wire Location
<b>12 Volts</b>	red (30A)	+	ignition switch, black 5 pin plug, pin 5
<b>Second 12 Volts</b>	purple/red (30A), white/red (40A)	+	BCM, black 6 pin plug (C5), pins 1 and 2
<b>Starter</b>	yellow/orange to pink/orange	+	starter switch or BCM, black/white 34 pin plg (C3), pin 27
<b>Second Starter</b>	N/A		
<b>Ignition</b>	red/orange	+	ignition switch, black 5 pin plug, pin 3
<b>Second Ignition</b>	N/A		
<b>Third Ignition</b>	N/A		
<b>Accessory</b>	brown/purple	- resistor	ign sw, blk 5 pin plg, pin 2 or BCM, bk/gy 34 pin plg (C2), pin 20
<b>Second Accessory</b>	N/A		
<b>Third Accessory</b>	N/A		
<b>Key Sense</b>	same as accessory	- resistor	
<b>Data Bus</b>	N/A		
<b>Can Bus High</b>	N/A		
<b>Can Bus Low</b>	N/A		
<b>Can Bus Sw</b>	white/purple (PCI bus)	data	data link connector, black 16 pin plug, pin 2
<b>Power Lock</b>	lt. green/yellow	-1.5K ohms	BCM, black/white 34 pin plug (C3), pin 21
<b>Power Unlock</b>	same as power lock	- 249 ohms	
<b>Lock Motor</b>	power door latch; no door lock motor		
<b>Unlock Motor</b>	power door latch; no door lock motor		
<b>Disarm Defeat</b>	power door latch; no door lock motor		
<b>Parking Lights (+)</b>	white/yellow	+	BCM, black/green 34 pin plug (C4), pin 33
<b>Parking Lights (-)</b>	white/black	-	headlight switch or BCM, black/gray 34 pin plug (C2), pin 21
<b>Hazards</b>	same as turn signals		
<b>Turn Signal (Left)</b>	lt. green (F), white/dk. green (R)	+	turn signal switch, gray 20 pin plug, pins 2 and 4
<b>Turn Signal (Right)</b>	tan (F), white/red (R)	+	turn signal switch, gray 20 pin plug, pins 6 and 5

## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	white/brown	-	headlight switch or BCM, black/green 34 pin plg (C4), pin 24
AutoLights	N/A		
Reverse Light	white/lt. green	+	reverse light in trunk
Left Front Door Trigger	purple	-	BCM, black/white 34 pin plug (C3), pin 6
Right Front Door Trigger	purple/white	-	BCM, black/white 34 pin plug (C3), pin 16
Left Rear Door Trigger	N/A		
Right Rear Door Trigger	N/A		
Dome Supervision	black/brown	+	BCM, black/gray 34 pin plug (C2), pin 12
Trunk/Hatch Pin	purple/orange	-	BCM, black/white 34 pin plug (C3), pin 8
Rear Glass Pin	N/A		
Hood Pin	purple/lt. blue	-	BCM, black/gray 34 pin plug (C2), pin 32
Trunk Hatch/Release	purple/tan	-	BCM, black/white 34 pin plug (C3), pin 18
Trunk Release Motor	white/tan	5 wire	BCM, black/green 34 pin plug (C4), pin 32
Fuel Door Release	N/A		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	arms on lock with door open		
Factory Alarm Disarm	purple/lt. blue	-1.97Kohms	BCM, black/white 34 pin plug (C3), pin 14
Disarm No Unlock	see factory alarm disarm		
Trunk Alarm Shunt	N/A		
Tachometer	NOT pink/dk. blue or pink/brown	ac	any fuel injector
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	yellow/orange (in), pink/orange (out)	+ N.O.	clutch switch, dk. green 2 pin plug, pins 1 and 2
Fuel Pump	red	+	fuel pump relay in power distribution center
Rear Defroster	dk. blue/lt. blue	- latched	A/C Heater Control, black 16 pin plug, pin 15
Mirror Defroster	N/A		
Left Front Heated Seat	N/A		
Right Front Heated Seat	N/A		

## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	dk. blue/purple	ac	PCM, black/green 38 pin plug, pin 29
Brake Wire	white/tan	+	brake switch, black 6 pin plug, pin 2
Parking Brake	purple/tan	-	parking brake switch, white 1 pin plug, pin 1
Horn Trigger	dk. green/white	-	BCM, black/green 34 pin plug (C4), pin 17
Wipers	brown (L), brown/orange (H)	+	wiper switch, gray 6 pin plug, pins 6 and 5
Left Front Window (Up/Down)	orange/dk. blue - orange/white	A	BCM, black/green 34 pin plug (C4), pins 29 and 31
Right Front Window (Up/Down)	orange/brown - orange/yellow	A	passenger window relays near steering column
Left Rear Window (Up/Down)	N/A		
Right Rear Window (Up/Down)	N/A		
Sun Roof (Open/Close)	N/A		
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	N/A		
Memory Seat 2	N/A		
Memory Seat 3	N/A		
Radio 12V	gray/red	+	radio, dk. gray 22 pin plug, pins 1 and 12
Radio Ground	black/lt. green	-	radio, dk. gray 22 pin plug, pins 11 and 22
Radio Ignition	red/white	+	radio, dk. gray 22 pin plug, pin 2
Radio Illumination	orange/brown (dimmer)	+	radio, dk. gray 22 pin plug, pin 3
Factory Amp Turn-on	same as power antenna		
Power Antenna	dk. green/red	+	radio, dk. gray 22 pin plug, pin 13
Left Front Speaker (+/-)	dk. green - dk. green/brown (preamp)	+,-	radio, dk. gray 22 pin plug, pins 10 and 9
Right Front Speaker (+/-)	purple - gray/brown (preamp)	+,-	radio, dk. gray 22 pin plug, pins 7 and 8
Left Rear Speaker (+/-)	dk. green/dk. blue - dk. green/orange (preamp)	+,-	radio, dk. gray 22 pin plug, pins 18 and 19
Right Rear Speaker (+/-)	gray/dk. blue - dk. blue/orange (preamp)	+,-	radio, dk. gray 22 pin plug, pins 21 and 20
Center Channel (+/-)	N/A		
Subwoofer (+/-)	gry/brn - dk grn/brn (1); gry/wht - dk grn/wht (2)	+,-	amplifier, green 16 pin plug, pins 4 and 3; 12 and 11
Aux. Audio Input Left (+/-)	N/A		
Aux. Audio Input Right (+/-)	N/A		
RSE Video (+/-)	N/A		
RSE Audio Left (+/-)	N/A		
RSE Audio Right (+/-)	N/A		
Satellite Radio 12 Volts	white/orange	+	Satellite Receiver, black 12 pin plug, pin 6

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DirectWire Vehicle Information - 4/6/2011 5:30:49 AM			
Satellite Radio Ground	black	-	Satellite Receiver, black 12 pin plug, pin 4
Satellite Radio Ignition	yellow/gray	+	Satellite Receiver, black 12 pin plug, pin 5
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	purple/tan - purple/yellow	+,-	Satellite Receiver, black 12 pin plg, pins 1 and 8
Satellite Audio Right (+/-)	purple/white - purple/yellow	+,-	Satellite Receiver, black 12 pin plg, pins 7 and 8

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*What Fits*

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6.5		left front door
Left Front Tweeter	0.787		left front dash
Right Front Speaker	6.5		right front door
Right Front Tweeter	0.787		right front dash
Left Rear Speaker	2.5		behind left headrest
Left Rear Tweeter	N/A		
Right Rear Speaker	2.5		behind right headrest
Right Rear Tweeter	N/A		
Center Channel	N/A		
Subwoofer	6.5		between seats
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			rear deck

*Smart Starter Kill Relay*



Relay Type:	n/a
Part #:	n/a
OE Relay Part #:	
Location:	n/a

Notes:
n/a

Alternate Part Notes:
n/a

*Door Lock Interface Module*

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Required:	<b>No</b>
Type:	<b>Multiplex</b>
Part #:	<b>456LW</b>
Alternate Part #'s:	

<b>Notes:</b>

*Additional Wiring Notes*

Item	Note
<b>Parking Lights (-)</b>	The BCM (Body Control Module) is in the driver kick.
<b>Headlight</b>	The BCM (Body Control Module) is in the driver kick.
<b>Left Front Door Trigger</b>	The BCM (Body Control Module) is in the driver kick.
<b>Dome Supervision</b>	The BCM (Body Control Module) is in the driver kick.
<b>Trunk/Hatch Pin</b>	The BCM (Body Control Module) is in the driver kick.
<b>Hood Pin</b>	The BCM (Body Control Module) is in the driver kick.
<b>Trunk Hatch/Release</b>	The BCM (Body Control Module) is in the driver kick. Meter this wire while opening the trunk/hatch from the handle on the rear of the vehicle.
<b>Factory Alarm Disarm</b>	The BCM (Body Control Module) is in the driver kick. Meter this wire while turning the key in the driver door key cylinder.
<b>Horn Trigger</b>	The BCM (Body Control Module) is in the driver kick.
<b>Left Front Window (Up/Down)</b>	May not be possible to install window automation systems because of the smart glass feature on the vehicle. The BCM (Body Control Module) is in the driver kick.
<b>Right Front Window (Up/Down)</b>	May not be possible to install window automation systems because of the smart glass feature on the vehicle.
<b>Right Front Speaker (+/-)</b>	The speaker wires are dk. green/purple - dk. green/yellow at the amplifier, green 16 pin plug, pins 16 and 15. The tweeter wires are gray/dk. green - gray/lt. green at the amplifier, green 16 pin plug, pins 2 and 1. The amplifier is under the passenger seat
<b>Right Rear Speaker (+/-)</b>	The speaker wires are dk. green/orange - yellow/gray at the amplifier, green 16 pin plug, pins 8 and 7. The amplifier is under the passenger seat.
<b>Power Lock</b>	The BCM (Body Control Module) is in the driver kick. To pop open the driver door use a negative trigger thru a 3.57K ohms resistor on the same wire. To pop open the passenger door use a negative trigger thru a 3.57K ohms resistor on a lt. green/lt. blue wire at the BCM, black/white 34 pin plug (C3), pin 22.
<b>Speed Sense</b>	The PCM (Powertrain Control Module) is in the left front of the engine compartment. Also found at the ABS Module, black 24 pin plug, pin 13.
<b>Left Front Speaker (+/-)</b>	The speaker wires are gray/purple - gray/yellow at the amplifier, green 16 pin plug, pins 13 and 14. The tweeter wires are gray/orange - gray at the amplifier, green 16 pin plug, pins 10 and 9. The amplifier is under the passenger seat.
<b>Starter</b>	The BCM (Body Control Module) is in the driver kick.
<b>Left Rear Speaker (+/-)</b>	The speaker wires are dk. green/tan - dk. green/gray at the amplifier, green 16 pin plug, pins 5 and 6. The amplifier is under the passenger seat.
<b>Parking Lights (+)</b>	The BCM (Body Control Module) is in the driver kick.
<b>Accessory</b>	The BCM (Body Control Module) is in the driver kick.
<b>Second 12 Volts</b>	The BCM (Body Control Module) is in the driver kick.
<b>Satellite Radio 12 Volts</b>	If equipped, the Satellite Receiver is in the rear deck.
<b>Subwoofer (+/-)</b>	The amplifier is under the passenger seat.
<b>Right Front Door Trigger</b>	The BCM (Body Control Module) is in the driver kick.
<b>Trunk Release Motor</b>	The BCM (Body Control Module) is in the driver kick.